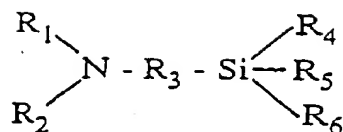


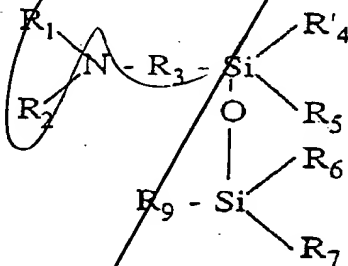
CLAIMS

- 09926037 "121701
TOTAL 4899660
1. Composition for washing keratin materials, characterized in that it comprises, in a cosmetically acceptable aqueous medium, at least 0.02% by weight, relative to the total weight of the composition, of one or more water-soluble organo-silicon compounds chosen from silanes comprising one silicon atom and siloxanes comprising two or three silicon atoms, this organosilicon compound also comprising at least one basic chemical function and at least two hydrolyzable or hydroxyl groups per molecule, and at least 4% by weight, relative to the total weight of the composition, of a detergent surfactant chosen from anionic, amphoteric and nonionic surfactants, and mixtures thereof.
 2. Composition according to Claim 1, characterized in that the water-soluble organosilicon compound represents from 0.02% to 20% by weight of the composition.
 3. Composition according to Claim 1 or 2, characterized in that the basic chemical function of the organosilicon compound is chosen from primary, secondary and tertiary amines.
 4. Composition according to any one of Claims 1 to 3, characterized in that the hydrolyzable groups are chosen from alkoxy, aryloxy and halogen groups.
 5. Composition according to any one of the preceding claims, characterized in that the organosilicon compound(s) is (are) chosen from the compounds of formulae:



in which:

R_4 represents a halogen or a group OR' or R'_1 ;
 R_5 represents a halogen or a group OR'' or R'_2 ;
 R_6 represents a halogen or a group OR''' or R'_3 ;
and R_1 , R_2 , R_3 , R' , R'' , R''' , R'_1 , R'_2 and R'_3
represent, independently of each other, a
saturated or unsaturated, linear or branched
hydrocarbon-based group optionally bearing
additional chemical groups, R_1 , R_2 , R' , R'' and R'''
also possibly denoting hydrogen, at least two of
the groups R_4 , R_5 and R_6 being other than groups
 R'_1 , R'_2 and R'_3 ; and



in which:

R_1 , R_2 , R_3 , R_5 and R_6 are defined as above;
 R'_4 represents a halogen or a group OR_{11} ;
 R_7 represents a halogen or a group OR_{10} or R''_1 ;
 R_9 represents a halogen or a group OR_8 , R''_2 or
 $R_3NR_1R_2$;

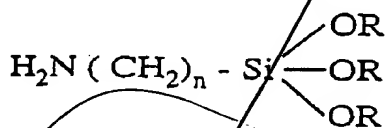
R''_1 , R''_2 , R_8 , R_{10} and R_{11} represent a saturated or
unsaturated, linear or branched hydrocarbon-based
group optionally bearing additional chemical groups,
the groups R_{11} , R_{10} and R_8 also possibly denoting
hydrogen; at least one of the groups R_6 , R_7 and R_9

09926037 121701

denotes a halogen or a group OR''', OR₁₀ or OR₈.

6. Composition according to Claim 5, characterized in that the groups R₁, R₂, R', R'₁, R'₂, R'₃, R'', R''', R''₁, R''₂, R₈, R₁₀ and R₁₁ are chosen from C₁-C₁₂ alkyl, C₆ to C₁₄ aryl, (C₁ to C₈) alkyl (C₆ to C₁₄) aryl and (C₆ to C₁₄) aryl (C₁ to C₈) alkyl radicals.

7. Composition according to any one of Claims 1 to 6, characterized in that the organosilicon compound has the formula:



in which the radicals R, which may be identical or different, are chosen from C₁-C₆ alkyl radicals and n is an integer from 1 to 6 and preferably from 2 to 4.

8. Composition according to Claim 7, characterized in that the organosilicon compound is γ-aminopropyltriethoxysilane.

9. Composition according to any one of the preceding claims, characterized in that the detergent surfactant is present in a proportion of from 5% to 50% by weight and preferably from 8% to 35% by weight relative to the total weight of the composition.

10. Composition according to any one of the preceding claims, characterized in that the anionic surfactants are chosen from the alkali metal salts, magnesium salts, ammonium salts, amine salts and

09525037 121704

amino alcohol salts of the following compounds:
alkyl sulfates, alkyl ether sulfates, alkyl-
amidoether sulfates, alkylarylpolyether sulfates,
monoglyceride sulfates; alkyl sulfonates, alkylamide
5 sulfonates, alkylaryl sulfonates, olefin sulfonates,
paraffin sulfonates; alkyl sulfosuccinates, alkyl
ether sulfosuccinates, alkylamide sulfosuccinates;
alkyl sulfosuccinamates; alkyl sulfoacetates; alkyl
phosphates, alkyl ether phosphates; acyl sarco-
10 sinates, acyl isethionates and N-acyl taurates; the
alkyl or acyl radical of these various compounds
consists of a carbon-based chain containing from 12
to 20 carbon atoms; fatty acid salts of oleic,
ricinoleic, palmitic or stearic acid; coconut oil
15 acid or hydrogenated coconut oil acid; acyl
lactylates, in which the acyl radical comprises from
8 to 20 carbon atoms; alkyl-D-galactosiduronic acids
and salts thereof, polyoxyalkylenated alkyl or
alkylaryl ether carboxylic acids or salts thereof,
20 polyoxyalkylenated alkylamido ether carboxylic acids
or salts thereof.

11. Composition according to any one of Claims 1 to 9,
characterized in that the nonionic surfactants are
25 chosen from polyethoxylated, polypropoxylated or
polyglycerolated fatty acids or alkylphenols or
alcohols, with a fatty chain containing 8 to 18
carbon atoms, the number of ethylene oxide or
propylene oxide groups being between 2 and 50 and
30 the number of glycerol groups being between 2 and
30; copolymers of ethylene oxide and propylene
oxide; condensates of ethylene oxide and of
propylene oxide with fatty alcohols; polyethoxylated
fatty amides; polyglycerolated fatty amides;
35 polyethoxylated fatty amines; oxyethylenated fatty
acid esters of sorbitan; fatty acid esters of

09926037 121701

sucrose or of polyethylene glycol, alkylpolyglycosides; carbamate or amide derivatives of N-alkylglucamide, aldobionamides and amine oxides.

- 5 12. Composition according to any one of Claims 1 to 9,
characterized in that the amphoteric surfactants are
chosen from secondary or tertiary aliphatic amine
derivatives, in which the aliphatic radical is a
10 linear or branched chain containing 8 to 18 carbon
atoms and which contains at least one carboxylate,
sulfonate, sulfate, phosphate or phosphonate water-
solubilizing anionic group; (C₈-C₂₀)alkylbetaines,
sulfobetaines, (C₈-C₂₀)alkylbetaines [sic] or (C₈-C₂₀)-
15 alkylamido(C₁-C₆)alkylsulfobetaines.
13. Composition according to any one of Claims 1 to 12,
characterized in that the aqueous medium consists of
water or a mixture of water and a cosmetically
20 acceptable solvent chosen from lower alcohols,
alkylene glycols and polyolethers, the water being
present in proportions of greater than 20%.
14. Composition according to any one of Claims 1 to 13,
characterized in that the composition also contains
25 viscosity modifiers chosen from electrolytes,
hydrotropes or thickeners present in proportions
which may be up to 15% by weight relative to the
total weight of the composition.
- 30 15. Composition according to any one of Claims 1 to 14,
characterized in that it also contains one or more
adjuvants chosen from cationic surfactants, anionic,
nonionic, cationic or amphoteric polymers,
optionally quaternized proteins and a silicone oil,
35 wax, gum or resin.

09926037 121701

5 16. Composition according to any one of Claims 1 to 15, characterized in that it contains various cosmetically acceptable adjuvants chosen from fragrances, preserving agents, sequestering agents, foam synergists, foam stabilizers and acidifying or basifying agents.

10 17. Use, as a shampoo, of the composition as defined in any one of Claims 1 to 16.

18. Use, as a shower gel, of the composition as defined in any one of Claims 1 to 16.

15 19. Process for washing keratin materials, characterized in that at least one composition as defined in any one of Claims 1 to 16 is applied to these materials and, after an exposure time, the treated materials are rinsed with water.

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